

# YORK

Pay  
As  
You  
Throw



The  
Only  
Way  
To  
Go!

# RECYCLES

# Contents

1. The Pending Waste Management Crisis in York
2. Solution – PAYT
3. What is PAYT?
4. How does PAYT Work?
5. What are the Benefits for York?
6. What are the Savings of PAYT?
7. How will we implement PAYT?
8. PAYT implementation plan
9. Recommendation and action required

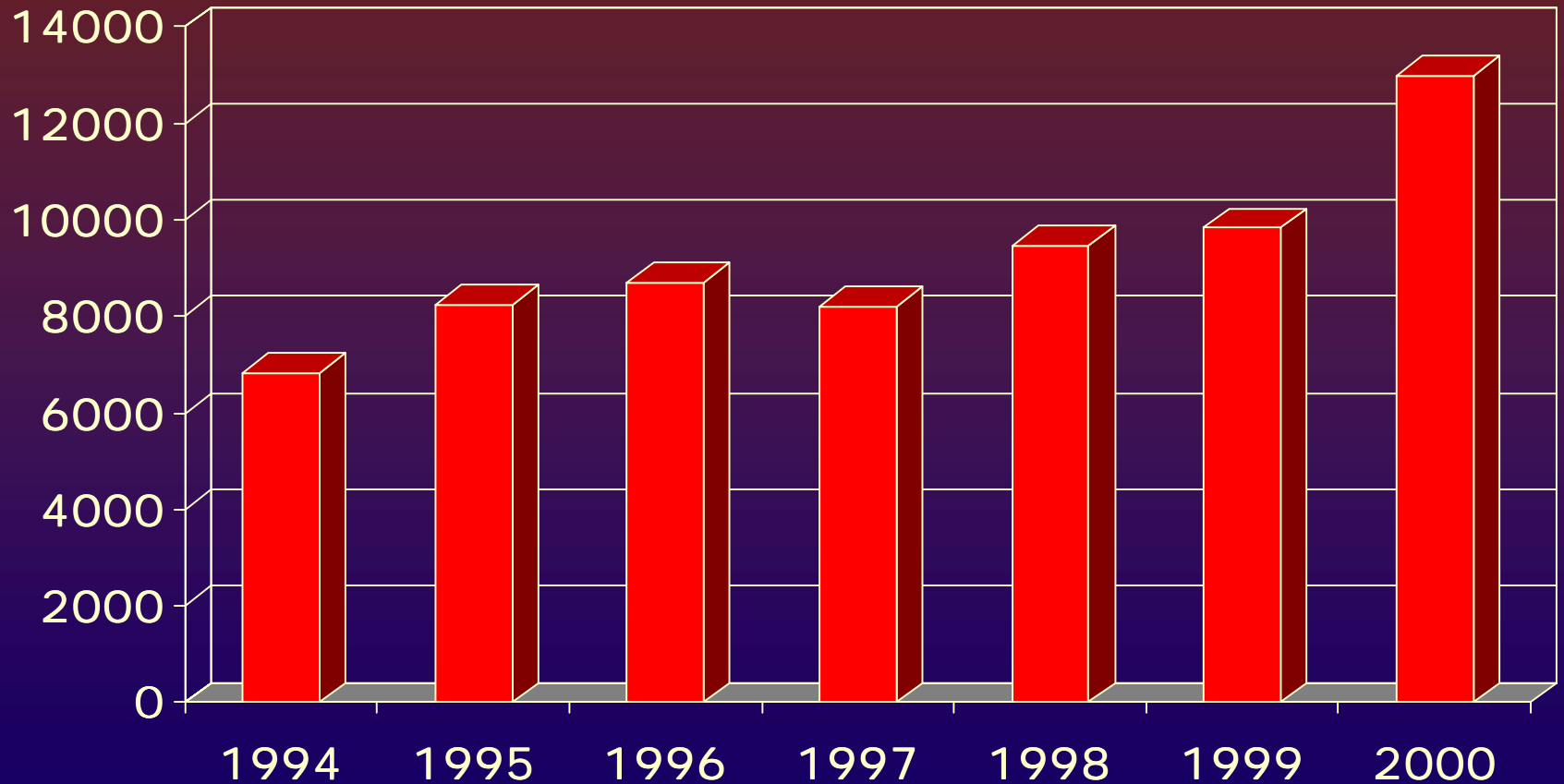
# The pending Waste Management Crisis in York

- 💣 Average 9% increase in waste over the past 7 years
- 💣 Current residential contract is capped at 3,900 tons per year
- 💣 Residential waste exceeds current contract cap
- 💣 Business contract expires in 2002
- 💣 Residential contract expires in 2008
- 💣 Landfills in New Hampshire are projected to be full by 2010
- 💣 York is not reducing annual waste
- 💣 York is not recycling enough materials

# Town of York

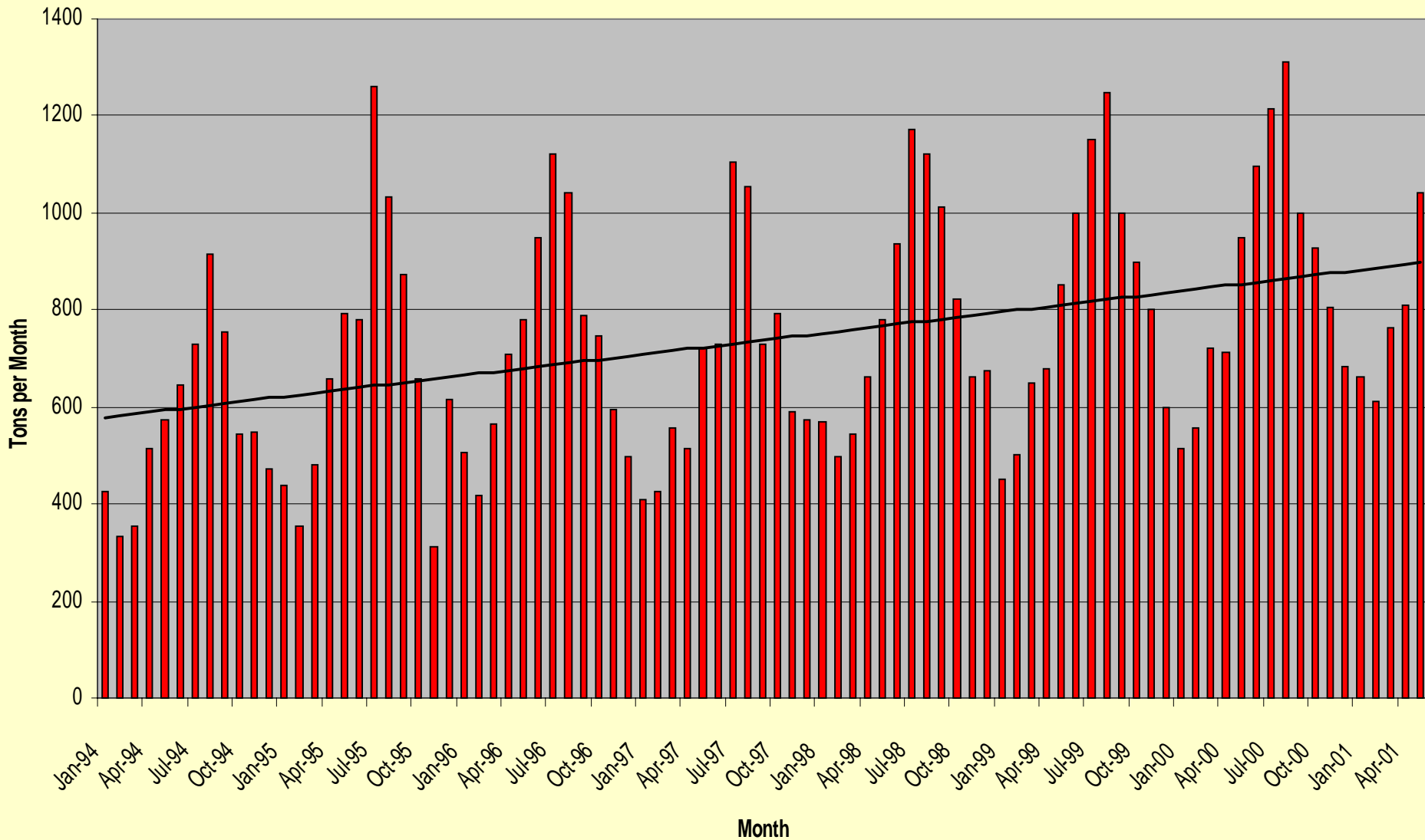
## Growth in Total Waste Volume

(tons per year)

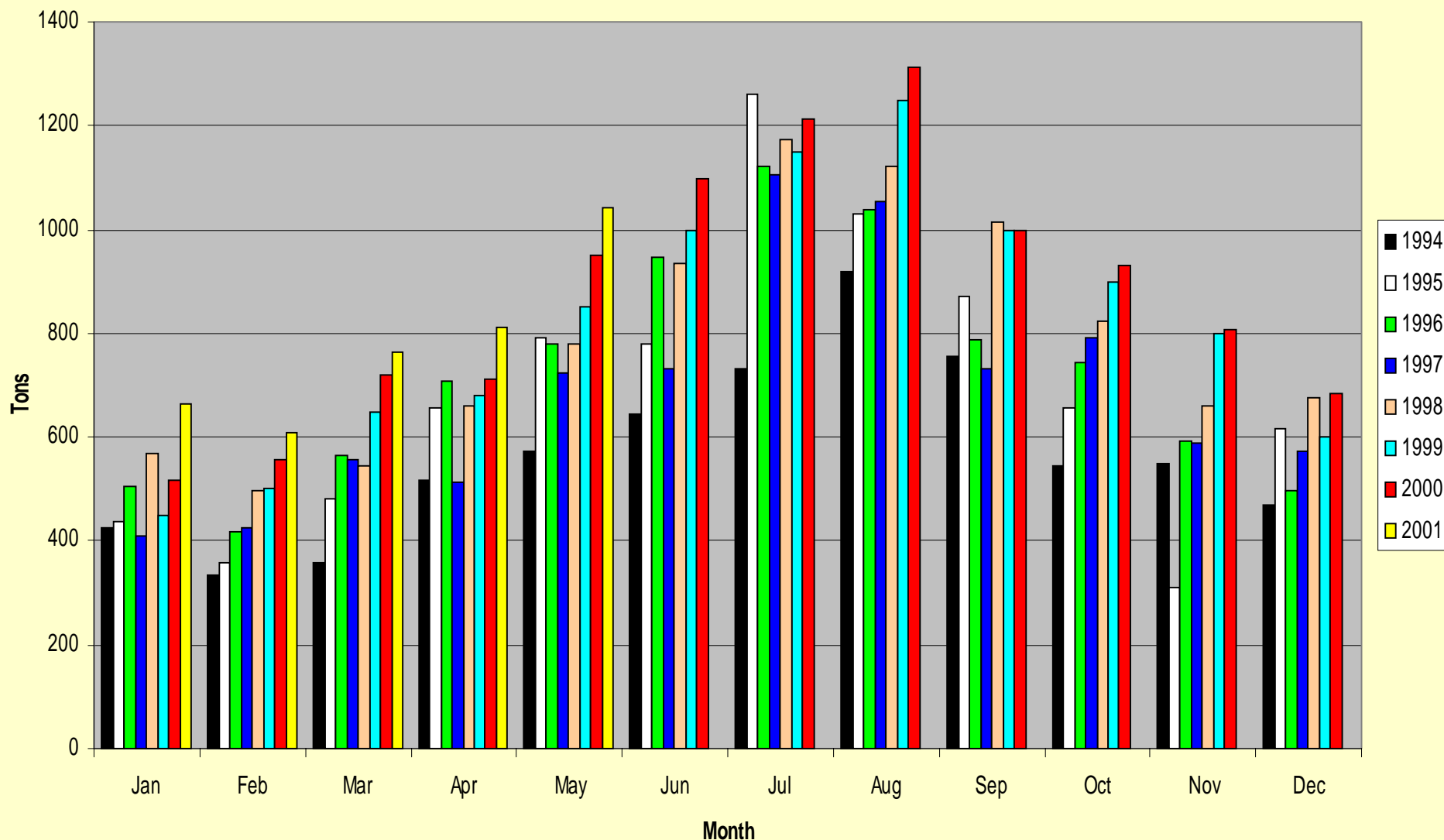


Average Growth Rate = 8.99% per year

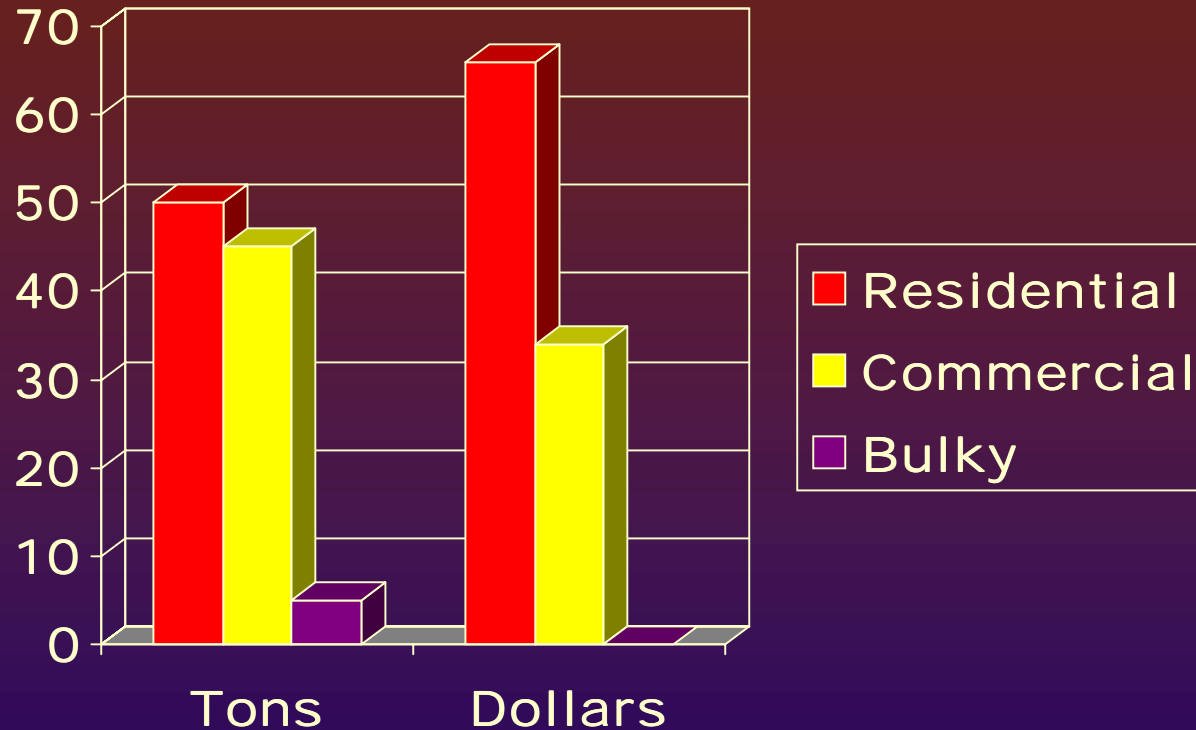
# Town of York Trend in Waste Volumes



# Town of York Seasonality in total Monthly Waste Volumes (residential and commercial)



# Waste Analysis – Year 2000

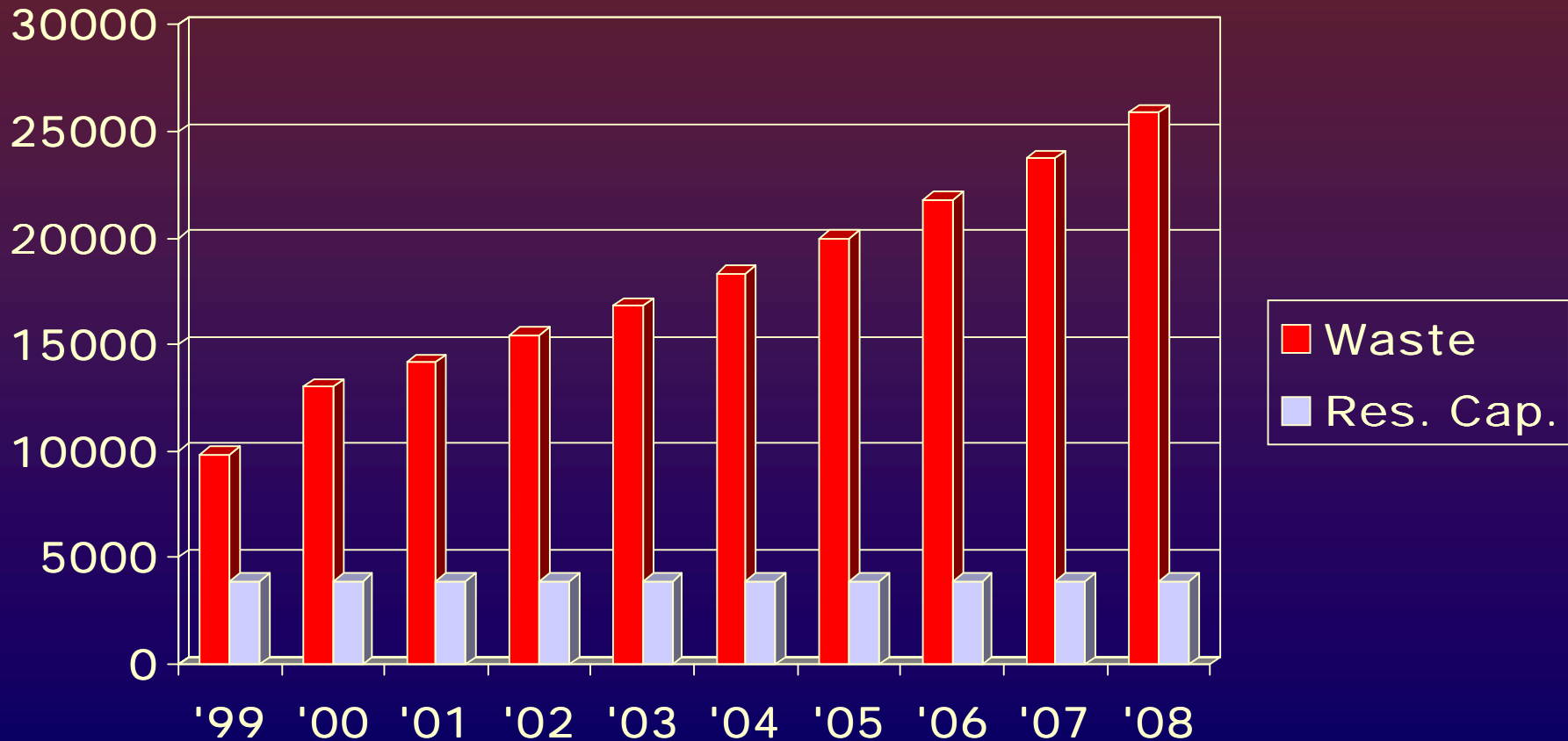


- Population 19,172 (York, York Harbor, Cape Neddick)
- \$958,140 waste disposal budget
- 12,999 tons of waste

# Town of York

## Projected Waste Volume

(tons per year)

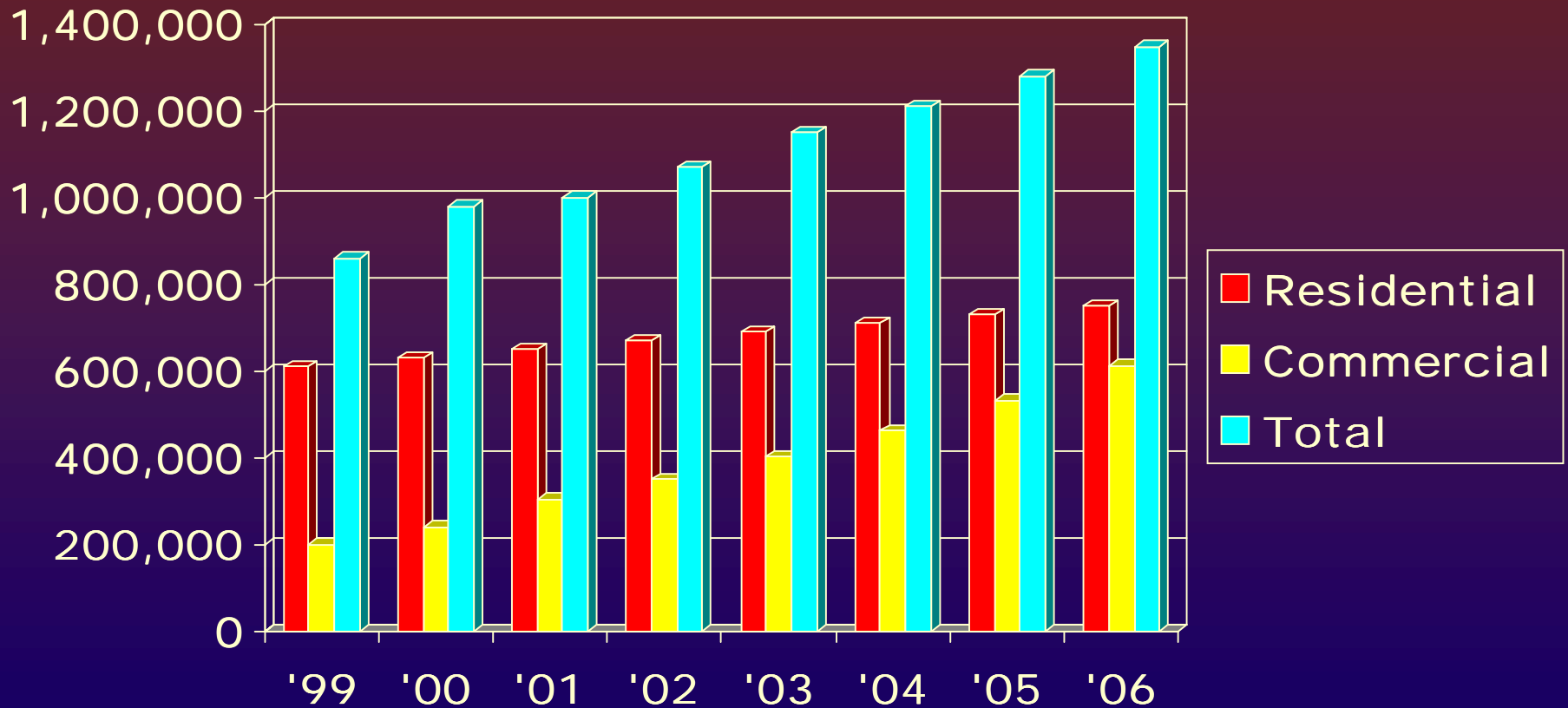




# Town of York

## Waste Disposal Costs

(\$ per year)



# What a Waste of Money!



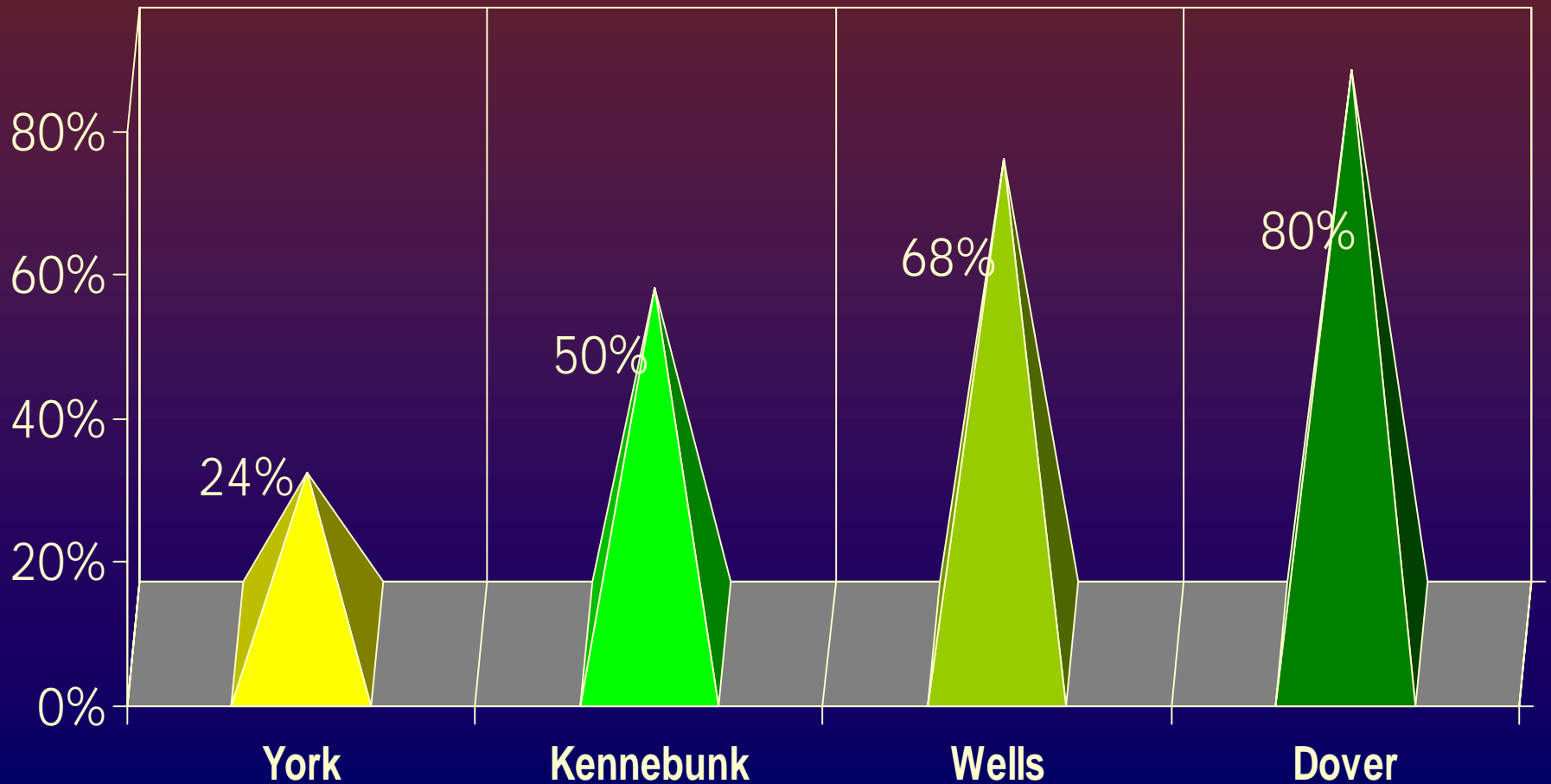
# The Immediate Crisis facing the Town of York

- ✘ Immediate problem - commercial contract
- ✘ No business support for paying tipping fees
- ✘ Costs are escalating because waste management is out of control
- ✘ York has a false sense of security because of favorable residential contract conditions
- ✘ Taxpayers reluctant to pay more for trash removal
- ✘ Doing nothing is NOT an option

# The Future Crisis facing the Town of York

- ✘ Future Problem – residential contract
- ✘ Waste volume doubles every 7 years
- ✘ Under the current contract we are not paying for additional residential waste generated above the cap
- ✘ Waste disposal costs are escalating as landfill capacity is used up
- ✘ We will be hit with a massive price increase (rate and volume adjustments) at the end of this contract

# Recycling Rates Year 2000



# Solution – It's in the bag!

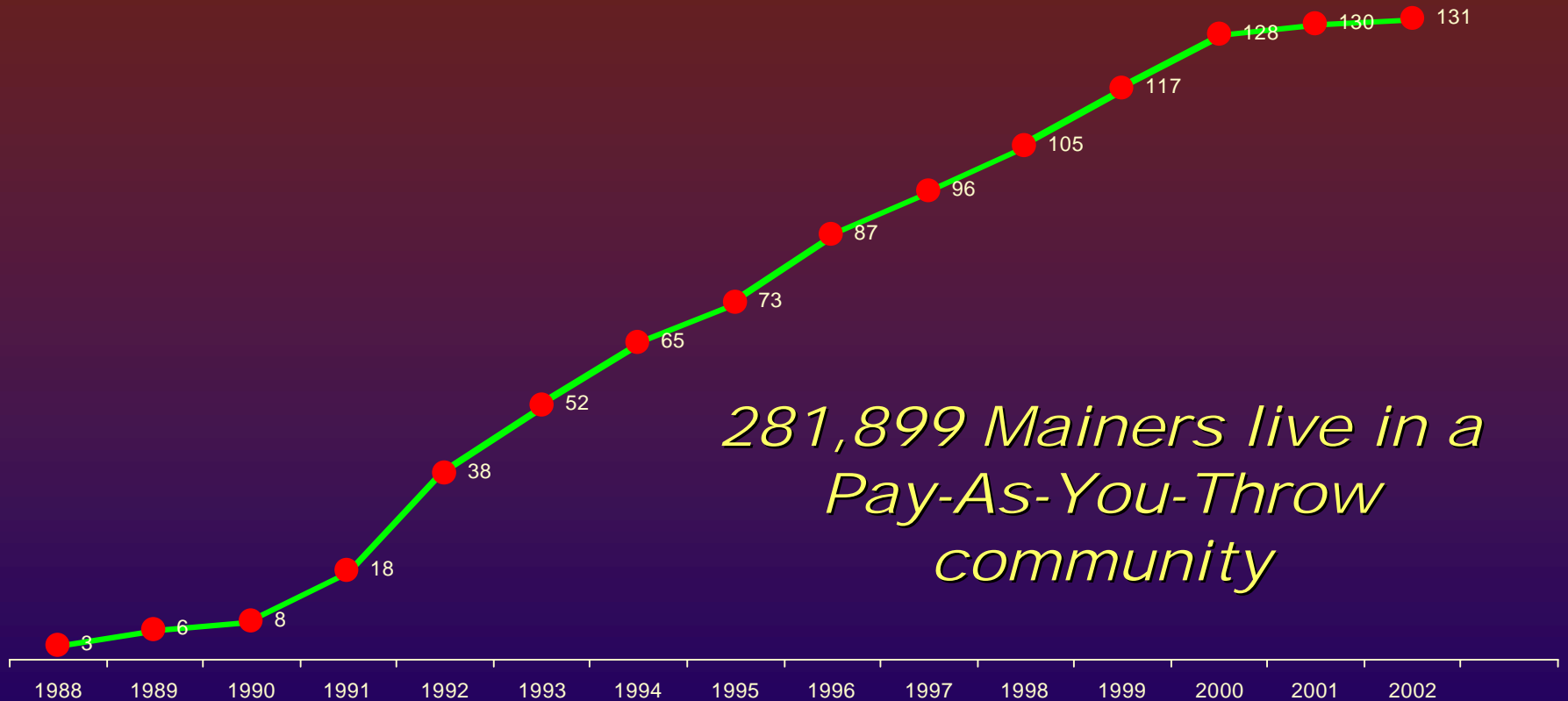


- ✓ PAYT is a fair and equitable system
- ✓ It provides financial incentives for waste reduction
- ✓ Residents and businesses will pay for their own waste removal
- ✓ The cost of picking up all waste will be covered by PAYT revenue

# What is Pay As You Throw?



# Growth of PAYT Communities in Maine



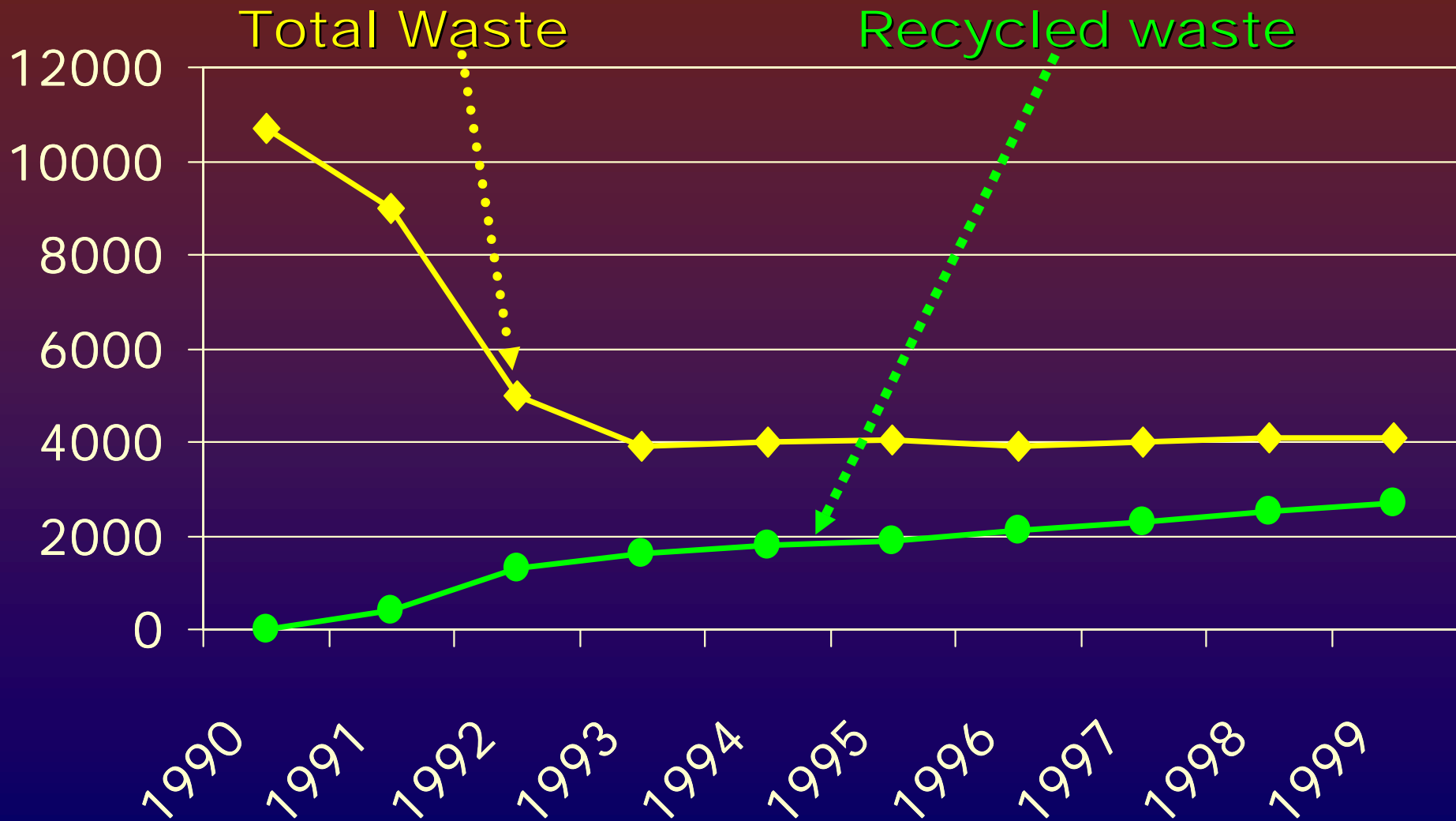
*281,899 Mainer's live in a  
Pay-As-You-Throw  
community*

Most recently added; Windham and Hodgdon



# Town of Dover, NH

## Tons of Success with PAYT



# Comparative PAYT Costs

Town	15 Ga. bag	30 Ga. bag
Dover	\$0.80	\$1.25
Exeter	\$0.75	\$1.25
Kennebunk	\$0.65	\$1.50
Newmarket	\$1.15	\$2.25
North Berwick	\$1.00	\$1.50
Somersworth	\$0.85	\$1.20
York	\$0.75	\$1.50

# Input to “Pricesetter” Model

Based on Year 2000 information

Population 19,172 (York, York Harbor, Cape Neddick)

10,500 tons MSW

1,528 tons recycling

24% recycling rate

520 annual hauling trips

10% annual waste reduction

1.5% annual population growth rate

# Input to "Pricesetter" Model

2.5% annual inflation rate

\$0.15 cost per bag

\$1,000 annual sticker sales

\$55 per ton Tipping fee

\$225 per trip Hauling fee







\$7,500 per year awareness/advertising

\$30,000 per year HHW disposal

# Output from "Pricesetter" Model

Program Year	1	2	3	4	5
Population	19,460	19,752	20,048	20,349	20,654
Waste reduction	10%	10%	10%	10%	10%
Tons of waste disposed	9,592	9,736	9,882	10,030	10,180
Number of bags	959,196	973,589	988,179	1,003,015	1,018,049
Estimated Average price per bag	1.25	1.25	1.25	1.25	1.25
Revenue	\$1,198,995	\$1,216,986	\$1,235,224	\$1,253,769	\$1,272,561

# What are the Benefits for the Town of York?

-  A waste management program that is simple and fair for both residents and businesses
-  Retain the benefits of the existing contract with Waste Management
-  Reduced total waste
-  Weekly pick up of recyclables
-  Removal of \$1,000,000 from the tax base
-  The Town will avoid paying additional costs for future waste removal

# What are the savings of PAYT for a typical homeowner?



Now

\$244 per year

PAYT

\$150 per year

Saving

\$94 per year

# What are the savings of PAYT for a senior citizen?



Now

\$244 per year

PAYT

\$ 39 per year

Saving

\$201 per year



# How will we implement PAYT?

- 🌍 We recommend a combined program including both bags and stickers
- 🌍 We recommend two bag sizes and prices
  - 🌍 \$ 0.75 for a 15 gallon bag
  - 🌍 \$ 1.50 for a 30 gallon bag
- 🌍 Bags and stickers could be sold at
  - 🌍 Food stores (Shop 'n Save)
  - 🌍 Town Hall
  - 🌍 Drug stores (Rite Aid)
  - 🌍 Hardware stores
  - 🌍 Convenience stores

# PAYT Implementation Plan

- |     |                                      |          |
|-----|--------------------------------------|----------|
| 1.  | Decide PAYT method and fees          | Complete |
| 2.  | Draft the PAYT ordinance             | Complete |
| 3.  | Conduct Public Awareness program     | Started  |
| 4.  | Hold Public hearings                 |          |
| 5.  | Adopt the PAYT ordinance             |          |
| 6.  | Purchase bags/stickers               |          |
| 7.  | Arrange for sales/distribution sites |          |
| 8.  | Notify taxpayers of new method       |          |
| 9.  | Notify waste removal contractor      |          |
| 10. | Implement PAYT program               |          |

# Proposed Warrant Article

"To see if the Town will vote to authorize the establishment and implementation of a mandatory user fee (pay per bag and sticker) system with the revenue generated to be used to offset the cost of solid waste disposal and recycling, and reduce the tax rate accordingly, and furthermore to adopt a restricted fund designated for the exclusive funding of all waste management and recycling services."

Proposed by the Recycling Committee

# Recommendation and action required

- ✓ Selectmen to endorse the PAYT warrant article
- ✓ Selectmen to place the proposed PAYT ordinance on the May ballot
- ✓ Selectmen to support public discussion forums on PAYT prior to the vote
- ✓ Selectmen to set up a designated and restricted fund for proceeds from PAYT